Sachse Amateur Radio Association

SARA SKYWAVES

W5SRA

JULY 2020

MY CORNER OF THE SHACK

by John Smyder, W5JWS

I am sitting here in my 'shack' as Summer Field Day comes to an end and have to say this was a very odd year. Some were texting, emailing, and video chatting during the event. The bands didn't seem too cooperative this year. I could not get through any of the pileups with my compromised HF antenna (NVIS) it has gotten me thinking about other possible configurations. Yes, I know I need to plant that 50' mast so I can turn my NVIS into a nice end-fed sloper and I would do much better. However, I got to thinking about the possibility of an inverted 'V' off the mast I already have strapped to the back of the shack and did some measurements, and that could work.

I also did a lot of work on my main go-box this weekend and have it completed using a power-gate, 40A, 12VDC power supply and a hookup ready for a battery. I have bypassed the FP-30 power supply (11.5A (22A Max)) that can be attached to the FT-897D. So, with that 40A supply, I have a little extra head room to charge a battery (yet to be tested) and run a USB 3 powered hub using a 12Vdc-5Vdc step down. This pretty much completes this project that has been going on now for close to one and a half years. Next thing to do is try operating from a battery.

I played with moving my FSQ box out to the shack and the radio seems to have gone deaf on me so, that is another project now. And the final "pièce de résistance" was the radio in my car decided to stop working mid-conversation with N5MMC while I was picking up a grocery order this morning. The radio tests well on the bench so I have some troubleshooting to do under the dash of the car when things are a tad less humid.

I really hope your field day went well. I know that some of our folks, KG5WAW (QRP-King), KK6AXF, KG5WHQ, and KG5CQO were all operating and had moderate success. So, all in all, we made some contacts, did some experimentation and, hopefully, had some fun this weekend. I really do look forward to a field day we can all be back together in the same location though.

Don't forget to submit your logs. You can still list the club (http://field-day.arrl.org/fdentry.php) in the "Club or Group Name" field by typing "Sachse ARA". With that we can get an idea of how we did as a club.

Don't forget our new repeater, W5SRA (440.350Mhz, +, PL 110.9) is on the air. A set of installation plans were sent to the church for their approval and we are reaching

Shack, Continued on page 2

The General Meeting Thursday, July 9, will be Online!

Use this Link:

July General Meeting

Or Join by phone: +1 657-529-2382
(PIN: 885 137 891#)

JOIN US ON THE AIR

SARA Weekly Information Net
When: Weekly on Wednesdays, 8:00pm – 8:30pm
Where: N5LOC (145.250, PL 141.3)

The Sachse Amateur Radio Association uses the N5LOC repeater in Sachse, TX:

- Frequency: 145.25 MHz
- Shift: -600 kHz
- PL tone: 141.3

Shack, Continued from page 1

out to see what we need to do for next steps so that we can get it on the

Frequency	Offset	Tone Up / Down	Location	Country		Call	Use
440.3500	+5 MHz	110.9 / 110.9	Sachse	US	TX	W5SRA	OPEN

church. We have also submitted the call sign information to Repeater Book

Finally, our July 9th General Meeting @ 19:30 will again be virtual via Google Meet (meeting link). Our presentation this month is going to be on AREDN. Andrew Koenig will give us information about AREDN in general and what is going on in NTX.

I hope to hear you on the air and 'see' you at the general meeting on the 9th. Take care, stay safe and healthy.

73, W5JWS – John S

CORRECTION:

In the June issue of SKYWARN, in the article "Why CW?" by Johnnie Young, she stated ,"I did pass the beginner class but did not the next class, Basic…". It should have read that she "did not **take** the next class."

Sachse Public Library Meeting Room Remains Closed For Now

From: Tammy VanBuskirk
Sent: Monday, June 1, 2020 11:32 AM
To: kk6axf@gmail.com
Subject: SPL: Library Meeting Room Reservations

Hello from the Sachse Public Library! We just wanted to let you know that the library meeting room will not be available for rentals for the next several months. This space is being used for filming our virtual story times and to house library furniture that has temporarily been removed from public use. Because of this, we will not be accepting any future reservations at this time. You are welcome to contact me with any questions.

Wishing you a wonderful and safe summer!

Warm regards,

Tammy VanBuskirk

Sachse Public library

UPCOMING EVENTS

July 9—General Meeting

Our July General Meeting will be held via Google Meet
We will be discussing possibilities for the upcoming ARRL Field Day.
Link: July Meeting Link

June 23 – Board Meeting

Oct 17 - ARRLNTX Mentor Fest

Details will be posted at the http://arrlntx.org website soon We are very hopeful that by October we are able to have gatherings and proceed with Mentor Fest, but remain flexible for any change.

Wednesday Repeater Net
N5LOC Rptr 145.250, Tone 141.3 @8:00 PM
1 Jul - Linda Smyder
8 July - Rich Lakin
15 July - John Smyder
22 July - ?
29 July - ?

Sunday Public Service Net -
N5LOC Rptr 145.250, Tone 141.3 @9:00 PM

What does a novice CW operator do when the other end sends too fast?

There are a couple of possibilities:

1. Ask the other sender to send slower. Send the q-code "QRS".

2. Use a code reader. There are phone aps, computer aps, and even built-in readers in some transceivers

3. Copy down as much as you can, and try to fill in the blanks by guessing.

None of these remedies are sins. Don't be embarrassed to use them. There are operators out there who are running code aps that generate Morse code from a keyboard. They can send at speeds that no human can read.

The practice of copying as many letters as you can, and guessing at the rest – that's an essential skill that all CW ops use regardless of their code reading proficiency. One reason: fading (QSB). Fading is the curse of 20 meters in this age of no sunspots and poor propagation, and it finds its way into the other HF bands as well. There will always be times when a CW op has to "fill in the blanks". QRM and QRN are two other common problems that reduce readability.

Computerized code readers hardly ever work perfectly. They work best with strong signals that don't fade, and with code that is absolutely uniform - generated by paddles and keyers. Signals awash in noise and QSB, and straight key senders with an uneven sending style confuse computerized readers. The fix: back to remedy number 3 – copying as much as you can and filling in the blanks.

This all recommends several good CW practices:

1. If the other end is sending slow, respond by sending at the same speed or slower

2. If the incoming signal is weak or fading, send slowly

3. If the other end sends "?" or otherwise indicates incomplete reception – send slowly, and/or repeat the message until you get an acknowledgement (Morse code prosign "R" for "Roger")

<u>What CW Ops Expect in a CW QSO</u>

1. A typical non-contest CW QSO goes like this:

2. CQ CQ CQ de (call sign) – usually repeated several times, transmission ended with a "K" (over)
    - CQ means "calling any station". Ops usually check to see if the frequency is clear before sending CQ. This is done by sending "QRL?" and waiting to see if there is a response.
    - answer the CQ with your call sign, or by (their call sign) de (your call sign). Some ops will reject your call response if it is not in the latter format.

2. If your response is acknowledged (accepted), then (their call sign) de (your call sign) and:
    - RST (three number signal report, 599 being the best possible)
    - OP (first name of operator)
    - QTH (location of operator, always State or Province, sometimes city and State

3. After that, CW club members often exchange club numbers. They collect them for awards.

4. Optional pleasantries:
    - A description of your rig, and/or your antenna (RIG, ANT)
    - amount of power you are running (PWR)
    - if mobile, location/destination/etc. Mobile ops usually append their call sign with /M or /(call region)
    - local weather (WX)
    - other non-controversial non-commercial items
    - I like to use the prosign "BT" in between sections (pause, or break). Transmissions are ended with "K", or at the very end, the prosign "SK". (SK can also mean "deceased").

Some CW ops want to move on to the next QSO, and are not interested in elaborating. Oftentimes they are looking for a state, a county, or a country that they don't have, or chasing DX. If an op sends their CQ as "CQ DX", they are not interested in having their call answered by domestic ops.

Other ops are more social, and can be somewhat peeved if you won't stay with them for a while (rag chewing). A quick check of the op's QRZ page may provide a clue about what type of op you have on the hook.

Typically, contest exchanges are very short. Contesters want to get their next log entry as quickly as possible. For the required elements of a contest exchange, go to contestcalendar.com or other contest rule source and

CW, Continued on page 4

CW, Continued from page 3

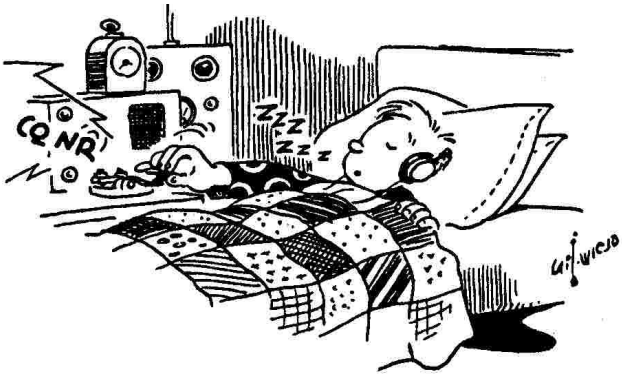
get the details of the exchange for that particular contest. Many contests require you to give them a sequence number, and they expect you to submit your contest log regardless of how short it is.

Many U.S. CW ops are old school. They will still send you a QSL card if you send them one. It gets expensive for foreign ops to reply with cards via international mail – so they usually ask for money to cover their costs. A few people use the QSL card bureaus at ARRL. Some CW clubs also operate bureaus. More and more ops are using online logging aps instead of sending cards.

QRT for now…

- Jim Eatman KG5WAW

The Sunrise CW Net meets at 7 am CST every morning on 7.123 MHz. This is a great net for CW beginners, since the net tends to operate at reasonable (< 20 wpm) speeds. Even if you don't join the net, listening in is a good practice for reading Morse code. https://qsl.net/srn/



Pretty sure this is Jim!

My GO Box build WIP - Lonnie Webb

Almost fits!

This is my base station fishing pole. Held in place by a 5-gallon Lowes bucket filled with two bags of marble chips. The wire for my emcom II cloud burner runs over the length of the house, out of the sight of the HOA.

Stupid HT Tricks: APRS Fun

by Lonnie Webb, KG5WHQ

When my HT is bored and lonely it will occasionally wander over to my APRS channels. And rightly so—it should be doing something besides holding air up. Now this is just an ICOM ID-51A. Even a Baofenng can do this.

If you want to monitor regular APRS it's on 144.390. You can also go to aprs.fi and see what is in your area. If you want to monitor the ISS digipeater, it's on 145.825. You'll need to figure out when a pass is overhead.

When an unsuspecting individual lollygags into the room and there is a static crash, they are likely to ask "What there was that?" as lollygaggers will do. I can casually answer with just enough ham pit-master swagger "That there was the Eye, Ess, and Ess. They fly over about now and then."

They will look and my saved memory bank will confirm to their hangry eyes "APRS ISS."

Now the party is on and it hasn't even cost me a beer, yet!

KG

5WHQ

ARRL Eclectic Tech | ARRL On the Air

ARRL Podcasts Schedule

The latest episode of the *On the Air* podcast (Episode 5) focuses on the various types of modulation and tips on go-kits. The *On the Air* podcast is a monthly companion to *On the Air* magazine, ARRL's magazine for beginner-to-intermediate ham radio operators.

The latest episode of the *Eclectic Tech* podcast (Episode 9) includes a discussion of CW decoding software, intermodulation distortion, and blockchain technology.

The *On the Air* and *Eclectic Tech* podcasts are sponsored by Icom. Both podcasts are available on iTunes (iOS) and Stitcher (Android), as well as on Blubrry -- On the Air | Eclectic Tech.

WHAT ARE YOU WORKING ON?

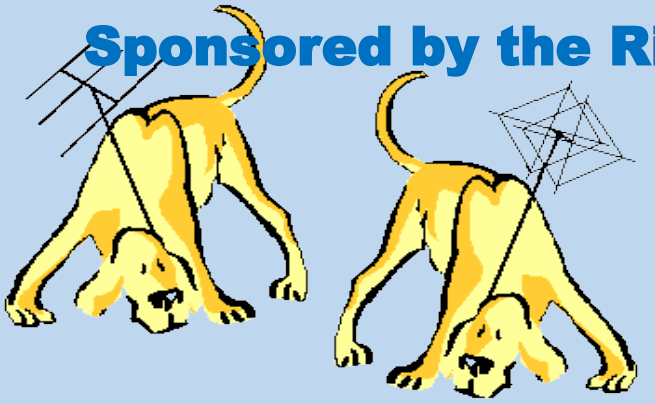
I know that many of us have projects going on that other in the club would love to hear about. Consider writing it up for the newsletter. …

Send your submissions to newslettereditor@sachseradio.org by the third Thursday of the month to be included in the next issue of

SACHSE SKYWAVES !

Weekend Fox-hunts

Sponsored by the Richardson Wireless Club



Are you getting bored having to stay home most of the time? Not getting enough ham these days? A great way to get out of the house safely is to participate in the weekend fox-hunts sponsored by the Richardson Wireless Klub [RWK]. Driver and I are the new fox masters for "Wheatley", one of the two current fox transmitters. We usually put him out Friday evening somewhere within the city limits of Richardson. He transmits every 3 minutes on 433.50 MHz. The other fox transmits every 4 minutes, usually on 144.50 MHz. A message is posted in the K5RWK@groups.io once a fox is hidden and transmitting. Once you find either one, there is a QR code attached that you can scan with your phone that allows you to be logged as having found it. Touch-less!

If you find them, there may even be prizes involved… You don't have to be an RWK member to be entered to win, but you have to be a ham. Joining the RWK to support this activity is encouraged and dues are a paltry $15/year for individuals, $20 for families and $5 for full time students. It's easy to do at www.hamclubonline.com (apply using club code RWK after you sign up) and dues can be paid with any major credit card via PayPal secure checkout (no PayPal account required). Already a member of another club? Then double your fun and knowledge and join!

73,

Katherine, KT5KMF

Do you shop at Amazon?

amazon smile prime

Supporting: Sachse Amateur Radio Association

Support the Sachse Amateur Radio Association!

What is AmazonSmile?

AmazonSmile is a simple and automatic way for you to support your favorite charitable organization every time you shop, at no cost to you. When you shop at smile.amazon.com, you'll find the exact same low prices, vast selection and convenient shopping experience as Amazon.com, with the added bonus that Amazon will donate a portion of the purchase price to your favorite charitable organization. You can choose from over one million organizations to support.

How do I shop at AmazonSmile?

To support SARA, simply go to smile.amazon.com from the web browser on your computer or mobile device and setup the organization that you want to support. You may also want to add a bookmark to smile.amazon.com to make it even easier to return and start your shopping at AmazonSmile.

6-Meter Antenna Project

by David Palmer, K1SIW

(Dave is a SKYWAVES subscriber in Colorado)

Having too much free time, and no 6M antenna, I got creative. With PVC pipe so low in price, I based my project on PVC, which can be assembled and disassembled over and over. The antenna elements can be cut for higher bands, too, of course, and swapped as needed. And it all breaks down for travel.

From 50.0 to 50.2 MHz, my SWR reflected power needle almost twitches, indicating I'm running at about 1:1. I'm feeding with a 50' length of RG8X slim coax.

Using PowerPoles with solid #12 wire, and supporting the elements by more (about 4-1/2' of it, x2) half-inch PVC, I have an antenna that can be broken down into the two element covering PVCs, plus whatever PVC struts are needed to support the antenna. Just add coax !!

If any in your group are interested in more photos, I can oblige. There's more to it than the photos show. I'm eager to share. I'm current at QRZ.com.

Half-Century Wireless Association

Please have any interested hams contact me to apply for membership in the Half-Century Wireless Association. Certificates are free and emailed for color printing by the member.

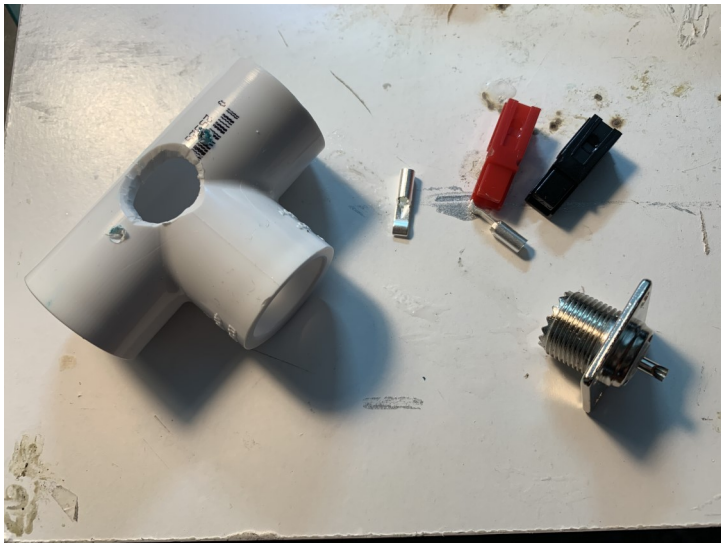
Dave

K1SIW

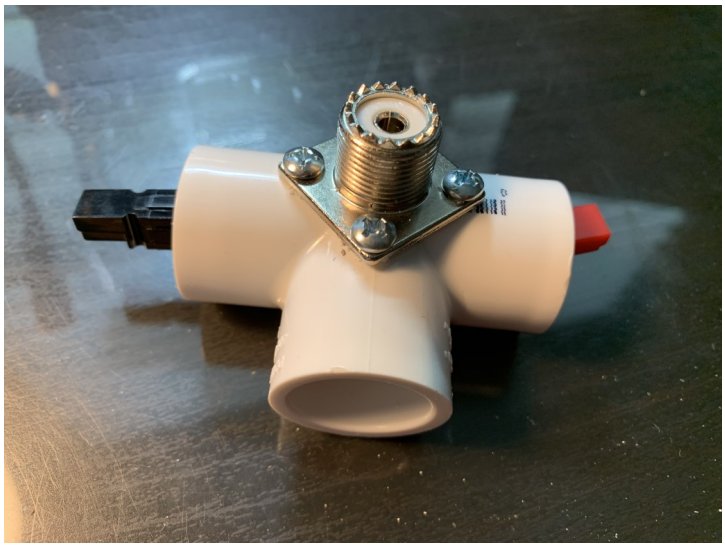
Denver area

Here's a few of the photos of my project.

The starting concept. A four-way center connector could be used if a multi-element yagi antenna is planned.



More parts accumulated. And I ended up with this ...



SARA Repeater Fund Raiser

Who we are: Sachse Amateur Radio Association (SARA). We have members from our surrounding communities: Sachse, Wylie, Murphy, Garland, Rowlett and other local cities.

Why we exist: Amateur Radio, also known as **ham radio**, is the use of radio frequency spectrum for purposes of non-commercial exchange of messages, wireless experimentation, self-training, private recreation, radio-sport, contesting, and ***Emergency Communication***. We have events to support the community and teach our membership how to support the community both for emergency and non-emergency ways.

Events we support are: Sachse Cars under the Stars, Wylie Championship Rodeo, Sachse Fall Fest, Sachse Red White and Blue Blast, Monthly Sachse Outdoor Warning Siren testing and other events providing radio communication support and more.

How we practice being ready to support the community in an emergency: weekly and fortnightly having controlled radio nets both on a repeater and simplex radio networks so that in the event of an emergency we can respond with communications if needed.

Why is this important: In the event of a disaster (natural or man-made) cell phone towers may go offline, Police and Fire communications also might go offline or be overwhelmed with calls. **Amateur Radio** is a backup solution in the event of an emergency. An example of this was Puerto Rico in the wake of Hurricane Maria. Most of the island lost power and phone coverage (both land line and cell phone were out). The Red Cross contacted the American Radio Relay League and requested help, "We need 50 of your best radio operators to go down to Puerto Rico.". See https://www.cnn.com/2017/09/27/us/puerto-rico-maria-ham-radio-operators-trnd/index.html for more detail. Now we are not going get hit with a hurricane here in the SARA north Texas area but we could be and have been hit with tornadoes, and large hail storms that have done a lot of damage and have in some cases knocked out communications in the process.

What are we trying to accomplish: We are trying to raise money to setup a Sachse Amateur Radio Association owned Radio Repeater. This will give us greater coverage of the local area in the event of an emergency. We have been slowly saving club finds to afford a repeater, but we are a small club, and to date we have not reached out to the local community for assistance. Until recently there have be privately owned repeaters available, but recently one of those repeaters went offline permanently, another has been having issues with interference for technical reasons. So, we are feeling the pressure to get a new repeater online in the community to have good coverage in the event it's needed. We have found a local church that is willing to house the repeater and provide power and 24-hour access to the repeater in the event of problems.

How you can help: You can donate to our fund-raising drive, and since we are a 501c3 charitable organization we can give you a receipt that can be used with the IRS. Even small donations will help, if 100 people donate $20 that would help pay for the necessary antenna to cover the community. If 200 people were to donate $40 each, we could afford to put up a tall tower and purchase an even better radio then planned which provide even better coverage for the community on what, right now, is our shoe string budget. It's really up to you, will you help us to help you in the event of an emergency? If so please donate! If you would like more info please contact one of the Board members or email David Mandala at treasurer@sachseradio.org

1 An **amateur radio repeater** is an electronic device that receives a weak or low-level amateur radio signal and retransmits it at a higher level or higher power, so that the signal can cover longer distances without degradation. See: https://en.wikipedia.org/wiki/Amateur_radio_repeater

Try the new W5SRA Repeater

Good Morning everyone. It has been suggested, that during this time of 'stay home - stay safe', that if we are able, to get on the new repeater (440.350 + PL 110.9) at 10am each day just to chat and check in with each other.

It should be noted that the W5SRA repeater is in a temporary location until we get past this inconvenience and can finalize plans and do the work of getting it in its final location. That said, please understand that coverage may not be optimal at this time.

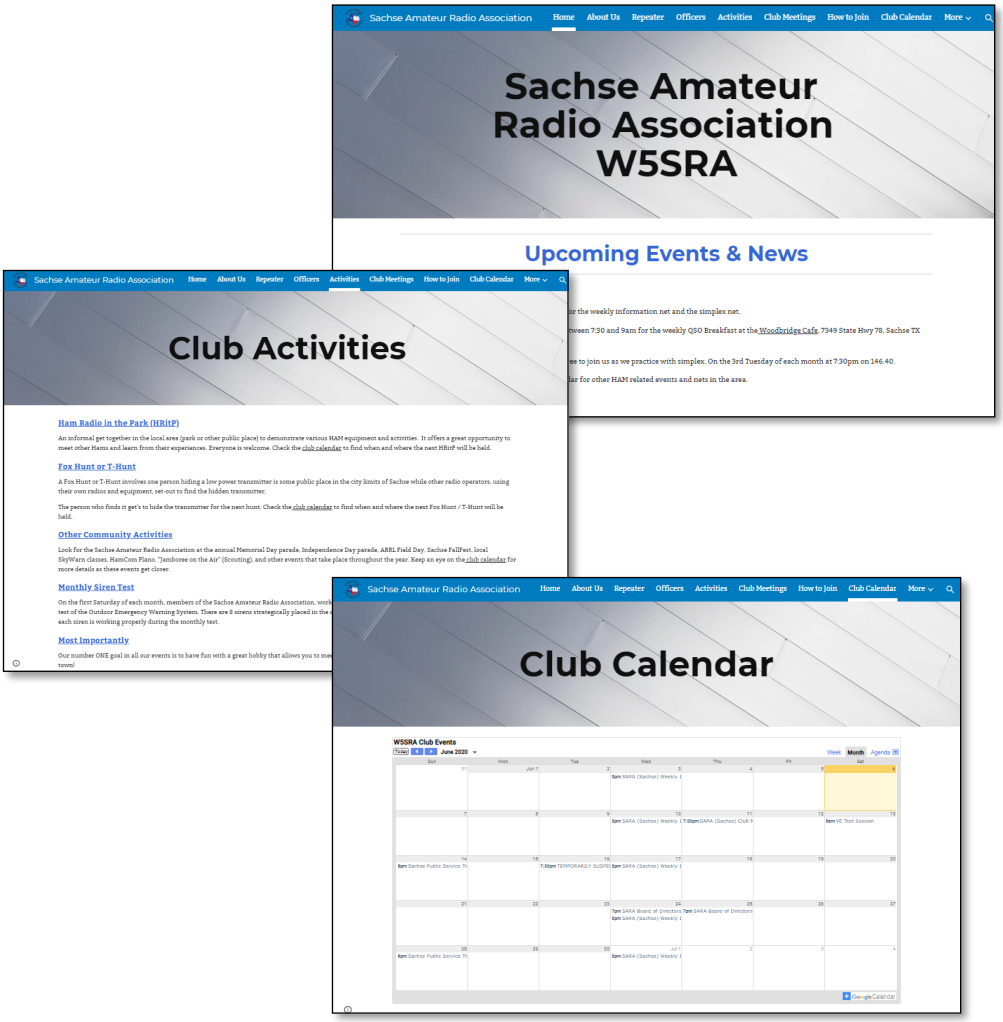
We've also noted that there is a bit of a delay in the repeater picking up the first syllable or two so, while we investigate that, please key, wait a moment, then put your call out there.

I hope to hear you soon.

W5JWS --

The New SARA Website is live!

Same URL, New Design! *http://sachseradio.org*.



NEWSLETTER ARTICLES

Working on a project that you think the club members would be interested in? Read a good HAM related article somewhere? Send articles to Steve, W5SOT, at: newslettereditor@sachseradio.org

ACTIVITIES COMMITTEE

SARA vice-president Greg Kent, KK6AXF heads up the SARA Activities Committee. Anyone who is willing to help or has ideas may contact Greg, KK6AXF, at kk6axf@gmail.com.

SARA BRANDED GEAR

We now have two suppliers for SARA gear. Both of these companies have our logo on file.

HamThreads will do hats, shirts, jackets and vests. They can do single items. HamThreads is in Saginaw.
https://www.hamthreads.com

Cactus Awards is local to Wylie and they specialize in Awards, Trophies, Plaques, Engraving and Embroidery as well as Tee-Shirt printing. Minimum order for some clothing is 3.
http://www.cactusawards.com

CALL
Your Name
Sachse, Texas

SARA NAME BADGES

If you need a SARA name badge please go to:
https://namebadge.com/sachse

Sachse Amateur Radio Association
Meeting Minutes
June 11, 2020

Start time: 7:30 pm
Location: Via Google Meet
Facilitator: John Smyder (W5JWS) President

Opening

John Smyder (W5JWS) President

Everyone introduced themselves and gave their call sign

Johnnie Young (KG5CQO) listed each attendee as introductions were made

Attendees

14 members
2 guest

President's report – John Smyder (W5JWS)

Next board meeting is June 25th on line
Next general meeting is July 9, 7:30 pm, may be virtual
Watch for weekly upcoming activities,
e-mail and newsletter, Facebook
September meeting is for Election of board members
Contact **Rich Lakin, AG5PM**, at

Vice-President – Gregg Kent (KK6AXF)

Activities committee

Field Day – June 27th and 28th

May still have social distancing

Home – 1D, 1E stations

Newsletter will have links for rules and logs

Contact:

(**Greg Kent KK6AXF)** at KK6AXF@gmail.com

Other ideas;

None were presented

Secretary – Johnnie Young (KG5CQO)

Minutes for the May meeting are posted on the web site, and were published in the newsletter

Motion to accept – **David Mandala (KG5WFS)**

2nd to accept motion – **Mark Mantooth (KI5CYA)**

No one opposed

Motion passed

Treasurer – David Mandala (KG5WFS)

Financial sheet for June updated to June 11th

Review of finances was presented;

Insurance for the year was paid

P O Box for the year was paid

Most of mail now goes to the PO Box

Two PayPal transfers

Amazon Donation

Motion to accept – **Johnnie Young (KG5CQO)**

2nd to accept motion – **Linda Smyder (K5LCS)**

No one opposed

Motion passed

Information Officer – John Briggs (KC6TVF)

Saturday – QSO breakfast @ Woodbridge Cafe @ 8:00
Opened for take out and eat in with limit
Next VE Session – June 13th, Wylie Masonic Lodge
Need volunteers for NCS repeater
June 17th **John Smyder – W5JWS**
June 24th **Steve Harbin – W5SOT**
July 1st **Linda Smyder – K5LCS**
July 8th **Rich Lakin – AG5PM**
July 15th **John Smyder – W5JWS**

Simplex Net temporarily suspended until we have some operating scenarios

Newsletter editor – Steve Harbin (W5SOT)

News letter was sent via e-mail and is on the SARA web site
Distribution #113
Submissions due by the 1st day of the month
Goal—to have the newsletter out a week prior to the general meeting
Always can use news articles and ideas
Projects you are working on or have completed
Events and activities related to Ham Radio
Articles you have read in other publications
Take pictures at all events & send to the Newsletter editor **Steve Harbin (W5SOT)** at newslettereditor@sachseradio.org
The newsletters are really good when members send in articles
Remember the newsletter goes beyond the membership

Director-at-Large – Mark Mantooth (KI5CYA)

Nothing to report

Education Report – John Smyder (W5JWS)

Ideas for upcoming meetings

Please help with subject matter

Upcoming General Meeting Subject Plans

June – WinLink Practical – **John Smyder W5JWS**
July – Arden Practical Uses – **Andrew Koenig KE5GDB**
Aug – All Star – **Mark Mantooth KI5CYA**
Sept – BOD elections
Oct – Coordinated fox hunt – **Mike McCafferty – N5MMC**
Nov
Dec – Christmas Party

Any ideas – let the Board know

Other business;

Bill Caldwell – AC5BC

New web page link for contact for testing is missing

John Smyder – W5JWS

will fix after meeting

Bill Caldwell – AC5BC

What happen to the page with pictures of events

John Smyder – W5JWS

Still working on getting that page within the new site

Sachse Amateur Radio Association
Meeting Minutes
June 11, 2020

Guest Speaker

John Smyder – W5JWS

WinLink Practical

Presentation will be on the web site

Win Link is a global radio e-mail.

ARRL has a Win Link net on Wednesdays

Oliver – K6OLI
Has a live demo for a quick set-up

Do need a signal link and then just follow the instructions exactly and it will work

John went through these steps and pointed out specific ones to be sure not to pass up
The presentation showed how easy it is to set up.

Presentation will be on the web site.

Adjourned: 9:00 pm
Motion – **Steve Harbin – W5SOT**
2nd the motion – **John Briggs – KC6TVF**
No one opposed
Motion passed

Sachse Amateur Radio Association Weekly Repeater Net Script

Version: 6.0 - March 1, 2020

Good evening and welcome to the "*Ham Radio in Sachse*" Weekly Information Net. My name is (*name, call sign*), and I will be your net control this evening. ***(pause)*** This net is heard every Wednesday evening at 8:00pm on the N5LOC repeater, on frequency 145.250, using a PL tone of 141.3. All licensed amateurs are invited and encouraged to participate, whether you are a club member or guest. ***(pause)***. This is a Directed Net. Please do not transmit unless directed to do so by Net Control. If the net should go down, everyone should switch to simplex frequency 146.400, with no PL tone or offset. Also, if at any time, you have an emergency to report, break in by saying "Priority" or "Emergency" followed by your call sign and the net will stand by. An emergency is defined as the imminent threat to life or property. **Is there any emergency, priority or time sensitive traffic at this time?** ***Pause***

Check-Ins:
We will begin by taking check-ins, three at a time. If you would like to check into this net, please give your call sign phonetically, your name and repeat your Call Sign alphanumerically slowly, so Net Control can write it down. I will take three check-ins now.
(*write down and read back call signs of check ins*). (Remember: Echo Link users (if any) need a few extra seconds to respond). (You might ask if there are any Echo Link users who would like to check-in.)

Club Announcements: ***Now is a good time for Net Control to ID.***
Our first topic will be announcements from club officers. Any club officer on the net with an announcement, please give your call sign now.

Member & General Comments: ***Now is a good time for Net Control to ID.***
Our next topic is member & general comments. Any member of the Sachse Amateur Radio Association, or anyone else on this net, who would like to make a comment, please give your call sign now.

Tech Talk: ***Now is a good time for Net Control to ID.***
Now it is time for Tech Talk. You might ask any questions you have of a technical nature regarding amateur radio or computers. You might share any information or comments that you think would be valuable for the group. If anyone has an item for Tech Talk, please give your call sign now.

Swap Shop: ***Now is a good time for Net Control to ID.***
The next topic is Swap Shop. Anyone wishing to buy, sell, trade, or give away items related to ham radio or computers is invited to do so. Please do not haggle over price on the air. If anyone has an item for Swap Shop, please give your call sign now.

Education: ***Now is a good time for Net Control to ID.***
Now we would like to know if anyone has an idea for an Education Presentation. Anyone who wants to suggest an item for a future presentation, or who has a presentation to share this evening, please give your call sign now.

How Was Your HAM Week: ***Now is a good time for Net Control to ID.***
Now for the fun part of our hobby, "***How Was Your HAM Week***". This exercise allows any station to share anything related to HAM Radio. Example topics can be "DX'ing Observations", "Experiences", "Challenges", "Lesson-Learn with your equipment", "Victories on a project" or even something you have learned from a "not so successful project". Whether you are a member or guest, this exercise is voluntary. No station is under obligation to share anything. As your Net Control, I will start by briefly sharing my "Ham Week". (Share something you recently did.) If any station would like to share their "Ham Week", simply give your Call Sign and Net Control will recognize your station and give you the platform to share. (*Net Control – provide positive feedback on their topic.)*

Late Check-Ins: ***Now is a good time for Net Control to ID.***
Before we end this Net, I would like to take late check-ins. If there are any late check-ins, whether RF or Echo Link, please give your call sign and name slowly and clearly. (*write down and read back each call sign*).

Last Call:
This is now the last call for any station that might have any comments? Please give your call sign.

Wrap-Up: ***Now is a good time for Net Control to ID.***
This concludes the "Ham Radio in Sachse" Weekly Information Net. If you would like more information about the Sachse Amateur Radio Association, please visit our web site at www.sachseradio.org. This is (*call sign*) and we now return the N5LOC repeater to its normal use.

Sachse Amateur Radio Association Simplex Net Script

Version: 6.2 - April 25, 2020

Good evening and welcome to the "*Ham Radio in Sachse*" Simplex Net. My name is (*name, call sign*), and I will be your net control this evening. This net is heard every 3rd Tuesday evening at 7:30 pm on a frequency of 146.40 Simplex. Therefore, there is no need for an offset or PL tone. All licensed amateurs are invited and encouraged to participate, whether you are a club member or guest. This is a Directed Net. Please do not transmit unless directed to do so by Net Control. At the end of check-ins, I will ask for relays of check-ins I acknowledged, that you did not hear, and check-ins that I did not hear. Near the end of the program, I will ask for a signal report. If at any time, you have an emergency to report, break in by saying "Priority" or "Emergency" followed by your call sign and the net will stand by. An emergency is defined as the imminent threat to life or property. **Is there any emergency, priority or time sensitive traffic at this time?** ***Pause—***
hearing none...

Check-Ins:
We will begin by taking check-ins, three at a time. If you would like to check into this net, please give your call sign phonetically, your name and repeat your call sign alphanumerically, so Net Control can write it down. Please come now in groups of 3.
(*write down and read back call signs of check ins*).
When there are no more check-ins, go through the list and ask if anyone heard a check-in that you did not acknowledge or if there is a check-in that they did not hear.
You may have to pick a relay person for the night.
If you had to pick a relay person or persons, then remember to stop after each conversation and have the relay person pass that information on.

Club Announcements: ***Now is a good time for Net Control to ID.***
Our first topic will be announcements from club officers. Any club officer on the net with an announcement, please give your call sign now.

Member & General Comments: ***Now is a good time for Net Control to ID.***
Our next topic is member & general comments. Any member of the Sachse Amateur Radio Association, or anyone else on this net, who would like to make a comment, please give your call sign now.

Tech Talk: ***Now is a good time for Net Control to ID.***
The next topic is Tech Talk. Ask any questions you may have of a technical nature regarding amateur radio or computers. Feel free to share any information or share any comments that you find to be valuable with the group. If anyone has an item for Tech Talk, please give your call sign now.

Education: ***Now is a good time for Net Control to ID.***
Our next topic is Education. Anyone who has an education presentation they would like to make or want to suggest an item for a future presentation, please give your call sign now.

Signal Reports: ***Now is a good time for Net Control to ID.***
Next, we will discuss signal reports. How does net control and/or the check-ins come across. I will now go down the list of check-ins so everyone can give a response. Please use the plain language radio checks provided on the Sachse Radio web page. (For example; net control was loud and clear.) Also please include you r power levels at the end of your signal report.
(You start)

Late Check-Ins: ***Now is a good time for Net Control to ID.***
Next, Net Control would like to take late check-ins. If there are any late check-ins, please give your call sign and name slowly and clearly.
(*write down and read back each call sign*).
Remember to ask if there are any check-ins you did not acknowledge or check-ins that others did not hear.

Last Call:
Before we conclude the net, are there any Stations wishing to report into the Net and/or have any comments?

Wrap-Up: ***Now is a good time for Net Control to ID.***
This concludes the "Ham Radio in Sachse" Simplex Net. If you would like more information about the Sachse Amateur Radio Association, please visit our web site at www.sachseradio.org. This is XXXXXXX and we will now return this frequency to its normal use.

Sachse Amateur Radio Association
Sachse, Texas 75048-3696
www.sachseradio.org
kf5nbo@gmail.com

Date: _____

Type of Application: **New Member** ☐ **or Renewal** ☐

Your Call Sign:_____ **Your License Class:**_____

Your Name:_____ **Spouses Name:**_____

Address:_____

City:_____ **State:**_____ **Zip:**_____

Home Phone:_____ **Work Phone:**_____

Cell Phone:_____ **Email:**_____

Membership Types: Please check only one option below:

☐ **Regular:** A regular member shall be any FCC licensed amateur radio operator who does not fall under the special provision of an associate or student membership. Regular member dues are $25.00 per year unless prorated (see below).

☐ **Family:** A family membership shall be any FCC licensed amateur radio operators and non-licensed family members interested in amateur radio who live in the immediate household. Family member dues are $30.00 per year unless

☐ **Associate:** An associate member shall be any person maintaining membership to support the association but who does not hold a license as a radio amateur. Associate member dues are $10.00 per year and are not prorated.

☐ **Student:** A student member shall be any FCC licensed amateur radio operator who is currently enrolled as a full-time student, is 18 years of age or younger, and is not otherwise eligible to be included in a family membership. Student member dues are $10.00 per year and are not prorated.

If selecting Family membership, please list the family members covered by this application.

Name:_____ **Email:**_____ **Call Sign (if any):**_____ **Lic Class:**_____

Name:_____ **Email:**_____ **Call Sign (if any):**_____ **Lic Class:**_____

Membership Dues: (Please check only one)

Dues are initially paid upon joining the association. Renewal dues are paid no later than the September meeting each year. A new application must be submitted each year as well. Dues are reduced (prorated) for Regular and Family members (only) who join or renew their membership after Dec 31st:

☐ Joining Sep 1 thru Dec 31, pay $25.00 for Regular dues, or $30.00 for Family dues.
☐ Joining Jan 1 thru Mar 31, pay $18.75 for Regular dues, or $22.50 for Family dues.
☐ Joining Apr 1 thru Jun 30, pay $12.50 for Regular dues, or $15.00 for Family dues.
☐ Joining Jul 1 thru Aug 31, pay $6.25 for Regular dues, or $7.50 for Family dues.

TOTAL DUE: $_____

Are you a current member of the ARRL? YES ☐ or NO ☐ (please choose only one).

By submitting this application, either by hand or any electronic means, you hereby agree to abide by the rules and regulations of the Sachse Amateur Radio Association.

Signature: _____